



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN <u>107975</u>	PRINTER SN <u>099.3586.829</u>	DATE OF INSPECTION <u>4-25-16</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>201 E. Park Vandalia, MO 63382</u>		TIME OF INSPECTION <u>1031</u>

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

☒ SIMULATOR SOLUTION

☐ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER Guth LOT # 15120 EXP. DATE 4-29-17

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0°C SIMULATOR SN 502280 SIMULATOR EXP DATE 4-8-17

☒ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE

☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE

☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 .101% TEST 2 .101% TEST 3 .101%

☒ RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS 0 (0-.04) 0 (.05-.09) 0 (.10-.14) 0 (.15-.19) 0 (OVER .19) 0

List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

INSPECTING OFFICER

SIGNATURE

Justin Landis

PRINT NAME

Justin Landis

TYPE II PERMIT NUMBER/EXPIRATION DATE

250199 / 8-18-17

TELEPHONE NUMBER

573 594-6186

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901

**GUTH LABORATORIES, INC.**

690 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **15120** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on May 4, 2015, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1209%** (w/vol) ethyl alcohol. The expiration date for this lot number is April 29, 2017 at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of $0.100 \text{ g/210L} \pm 3\%$.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

*Testing was conducted using Cerilliant Reference Standard lot number FN08051301 whose values are traceable to NIST.
All balances are calibrated annually by an outside agency using NIST traceable weights.
Calibration verification is done prior to each use utilizing NIST traceable weights.*

AS IV Serial no: 167975
Version no: 532B

TEST RECORD 00296

Temp Date Time 210L

UOII: RFI
12 04/25/16 10:31

Subject Name

Maintenance

Subject I.D.

Operator Name, I.D.

Jaulis

Location

UPD

AS IV Serial no: 167975
Version no: 532B

TEST RECORD 00300

Temp Date Time 210L

Air Blank:
04/25/16 10:37 .000
Calibration Check:
22 04/25/16 10:37 .101

Subject Name

Maintenance

Subject I.D.

Operator Name, I.D.

Jaulis

Location

UPD

AS IV Serial no: 167975
Version no: 532B

TEST RECORD 00297

Temp Date Time 210L

Air Blank:
04/25/16 10:32 .000
Calibration Check:
21 04/25/16 10:32 .000

Subject Name

Maintenance

Subject I.D.

Operator Name, I.D.

Jaulis

Location

UPD

AS IV Serial no: 167975
Version no: 532B

TEST RECORD 00301

Temp Date Time 210L

Air Blank:
04/25/16 10:39 .000
Calibration Check:
22 04/25/16 10:39 .101

Subject Name

Maintenance

Subject I.D.

Operator Name, I.D.

Jaulis

Location

UPD

AS IV Serial no: 167975
Version no: 532B

AS IV Serial no: 167975
Version no: 532B

TEST RECORD 00299

Temp Date Time 210L

Air Blank:
04/25/16 10:36 .000
Calibration Check:
22 04/25/16 10:36 .101

Subject Name

Maintenance

Subject I.D.

Operator Name, I.D.

Jaulis

Location

UPD



STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM



PERMIT
TYPE II
JUSTIN LANDIS

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV WITH PRINTER


for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

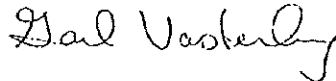
DATE 8/18/2015

NUMBER 250189

EXPIRES 8/18/2017

MO 590-0771 (6-10)


DIRECTOR OF STATE PUBLIC HEALTH LABORATORY


DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R3-10)

